

Fig. 1

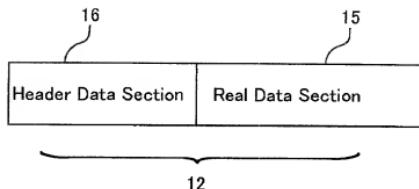


Fig. 2

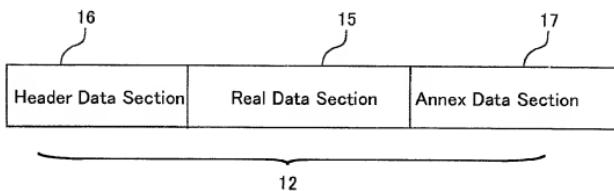


Fig. 3

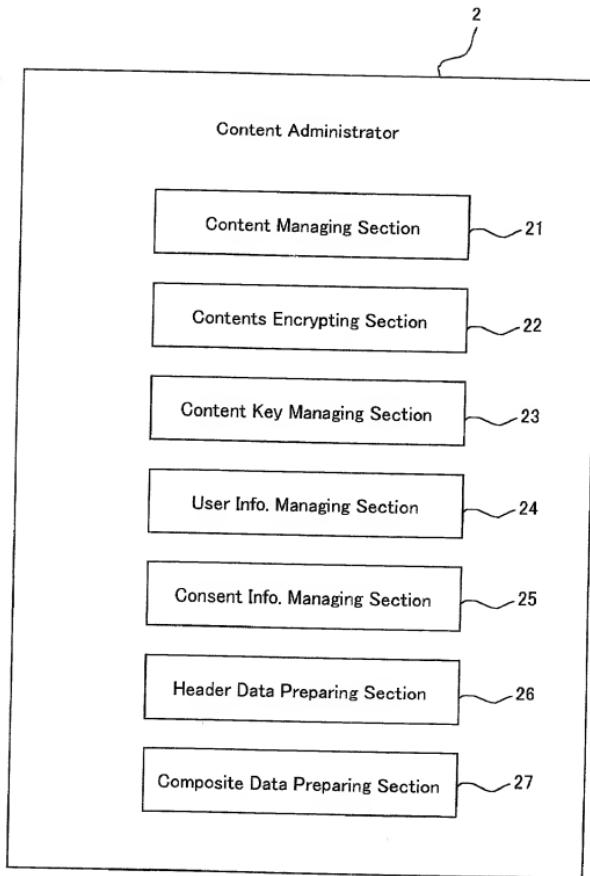


Fig. 4

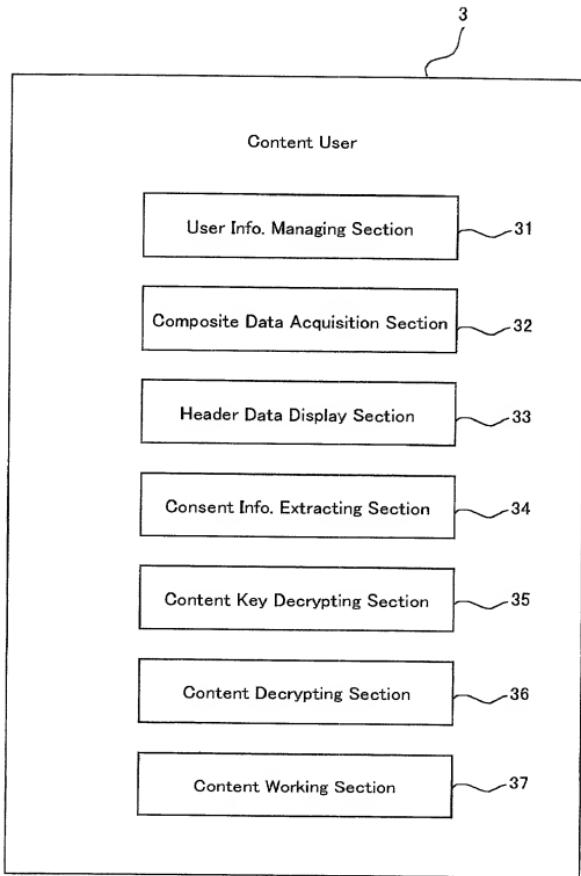


Fig. 5

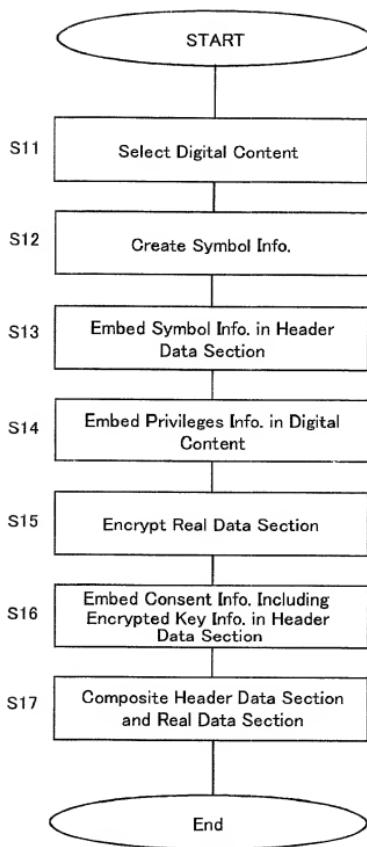


Fig. 6

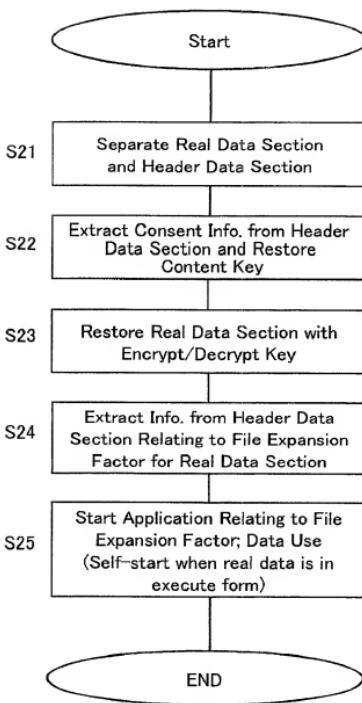


Fig. 7

Data Kind	Symbol Info.	Expansion Factor
Music		mp3
Image		jpg
Publications		lit

Fig. 8

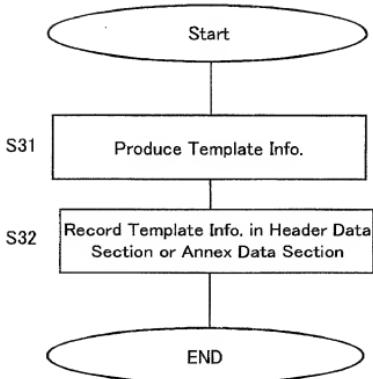


Fig. 9

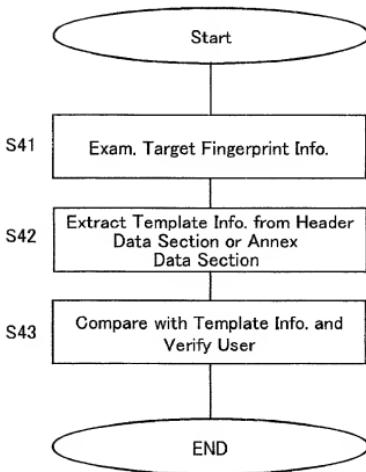


Fig. 10

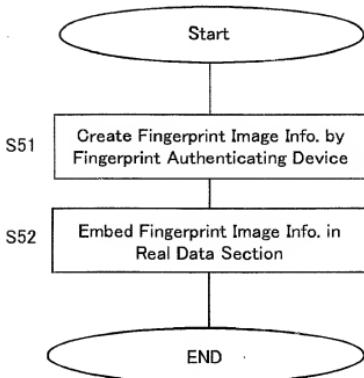


Fig. 11

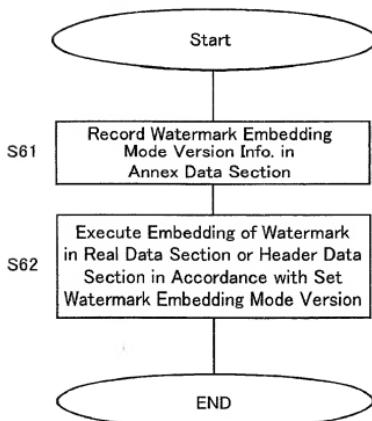


Fig. 12

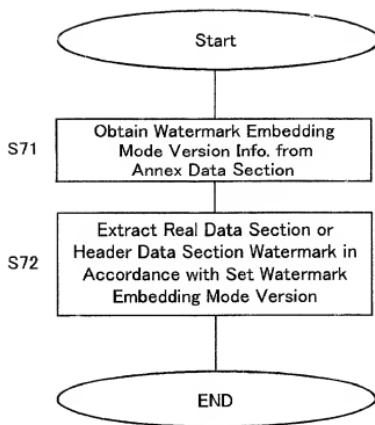


Fig. 13

Watermark Embedding Class	Header Data Section	Real Data Section
1111	Type1-Version1	Type1-Version1
2111	Type2-Version1	Type1-Version1
1100	Type1-Version1	-----

Fig. 14

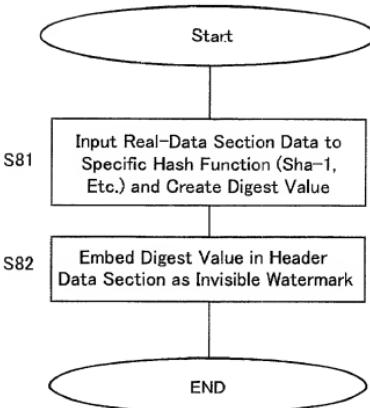


Fig. 15

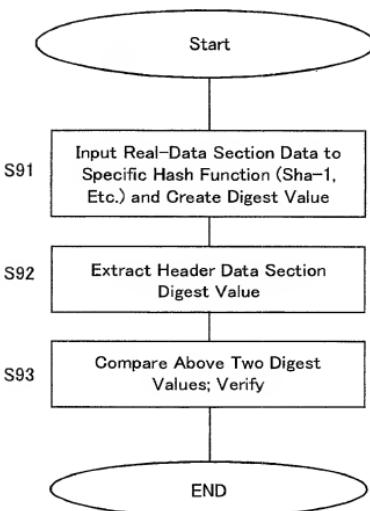


Fig. 16

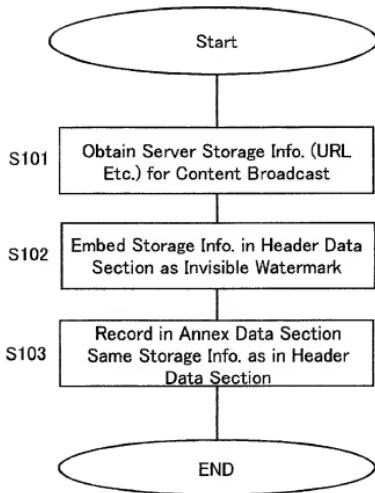


Fig. 17

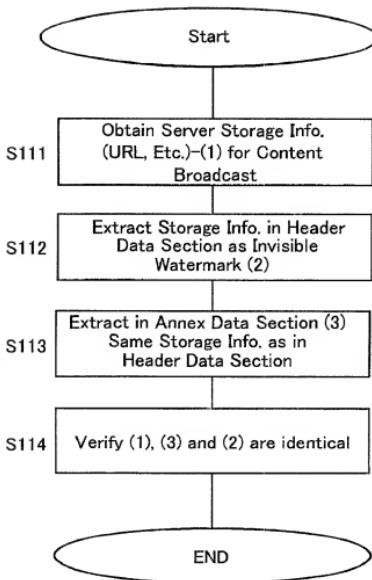


Fig. 18

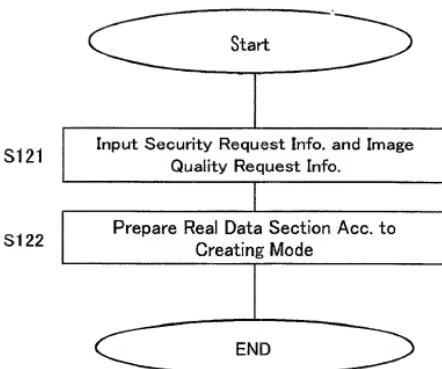


Fig. 19

TECHNICAL REPORT

Image Quality Request	Security Request	Real Data Section Creation Example
Low	Low	Invisible Watermark, Not Encrypted
Low	High	Invisible Watermark, Encrypted
High	Low	Watermark Unnecessary, Not Encrypted
High	High	Visible Watermark, Encrypted

Fig. 20